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Comparative Evaluation of Results of Oxygen Analysis of Steel by Chemical as Against Vacuum-Fusion Methods, by V. A. Mchedlishvili, A. M. Samarin

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Brutcher Tr 3194

Scientific - Minerals/Metals
CTS/DEX Price $3.60

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On the Interrelation Between the Hydrodynamics of Steam-water Mixtures, the Temperature Distribution in a Metal and the Deposition of Easily Soluble Slats in Horizontal Steam-generating Pipes, by M. A. Stuyrikovich, Z. L. Miropolskiy, N. M. Anikin, 9 pp.

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Sci Mu Lib Tr 55/0632

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Scientific - Engineering Jun 55 CTS

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The Velocity Field of a Water Flow Under Sudden Increase in Depth, by E. A. Fidman, 18 pp.

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Sci Mus Lib No 55/1124
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Sci - Physics
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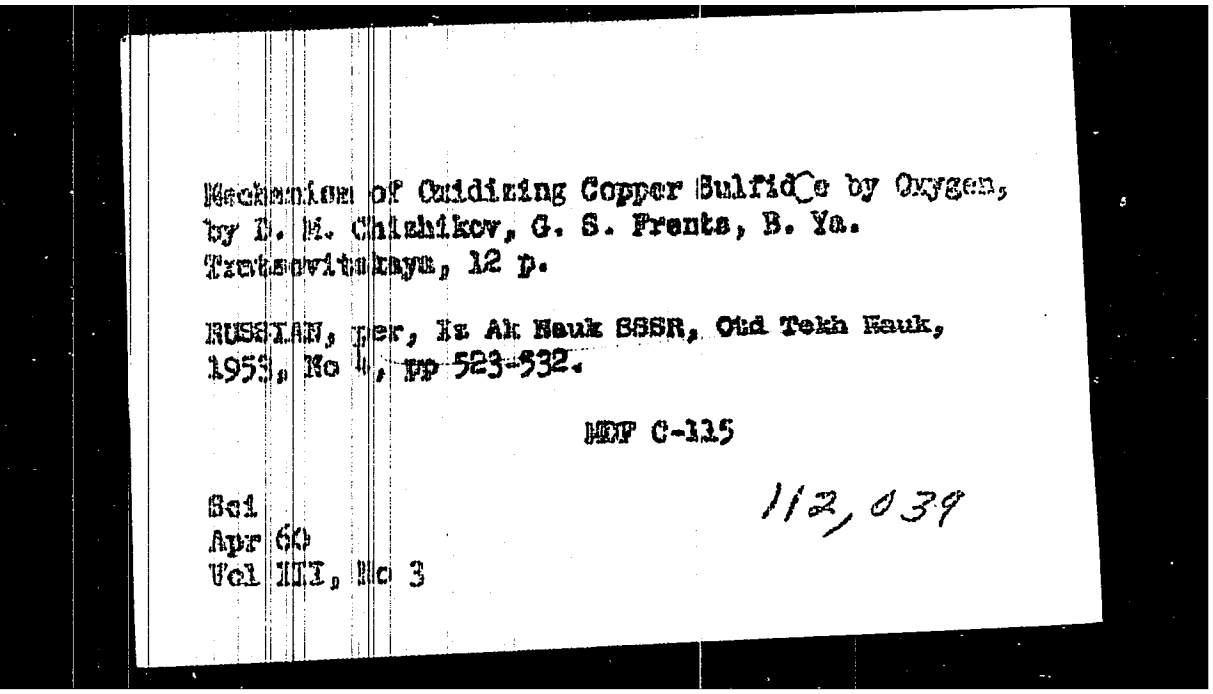

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MMF C-115

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Semenov, N. N.
BASIC QUESTIONS OF THE CONTEMPORARY THEORY OF HOMOGENEOUS COMBUSTION IN UNIFORM GASEOUS SYSTEMS. [1963] 36p. 30 refs. Order from OTS or SLA $3.60 63-14511

Trans. of [Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya] 1953, no. 5, p. 708-729.
A partial trans. (p. 708-709) is available from LC or SLA mi$1.80, ph$1.80 as 60-23012, F-TS-8192 [1959] [3]p.

DESCRIPTORS: *Gases, *Combustion, Theory, Reaction kinetics, *Ignition, *Chain reactions, *Flame propagation, Velocity, Flammability, *Detonation, Shock waves.

(Chemistry--Physical, TT, v. 10, no. 8)

63-14511

I. Semenov, N. N.

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Calculation of Bearings Under Dynamic Load, by E. M. Gut'yar, 11 pp. UNCLASSIFIED

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Scientific - Engineering
Physics Mar 55 CTS/DEK

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Influence of Slurry on Flotation of Coal Fines, by I. N. Plaksin, N. S. Vlasova.

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MLL N. 4368

Sci - Min/Metals

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Honor of Academician B. A. Vvedenskiy in Connection With His 60th Birthday. UNCLASSIFIED

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 6, 1953, p 947.

ATIC F-TS-8227

Scientific - Miscellaneous, scientist

Feb 54 CTS 9544

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Scientific - Physics CTS 69/Jun 55

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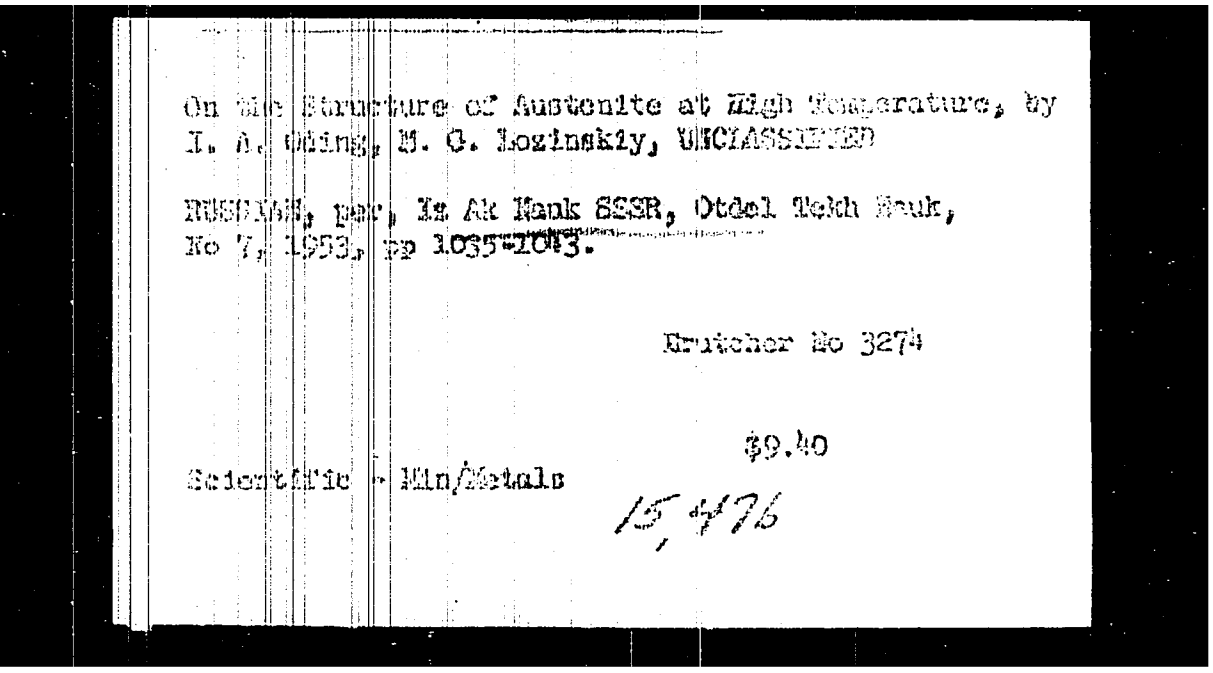

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No 7, 1953, pp 1035-1043.

Brutcher No 3274

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Tendency Towards Spontaneous Ignition of Petrographic Types of Coal From the Prokop'evsk Deposits in the Kuzbass, by N. V. Marevich, A. B. Travin, 18 pp.

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Ac Tr Center
TRJ-168

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Structural Changes in Metal During Creep, by B. M. Rovinskiy, L. M. Rybakova.

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Brutcher Tr 3224

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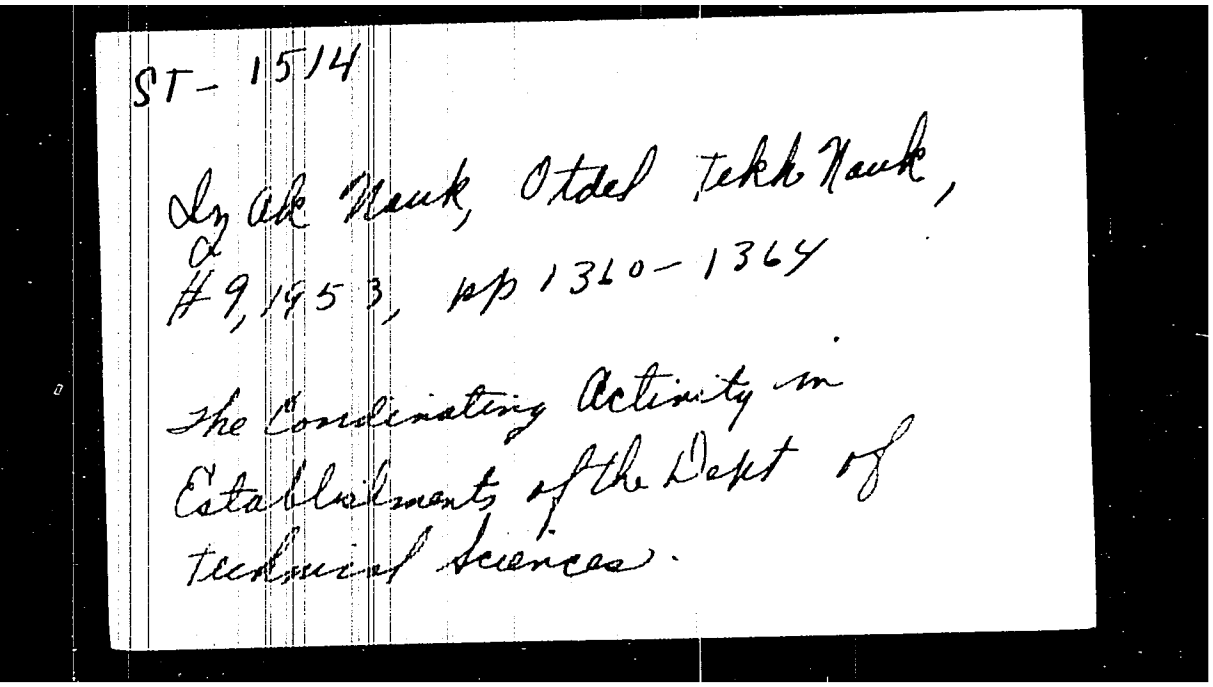

ST- 1514

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Establishment of the Dept of
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Sci Tr Ctr: RT-3726

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Sci - Chemistry
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Gas Formation in the Combustion of a Powdered Carbon Bed, by E. S. Golovina.

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DSIR LLU RTS 1508
SLA 61-13250

Sci - Phys

Sep 60

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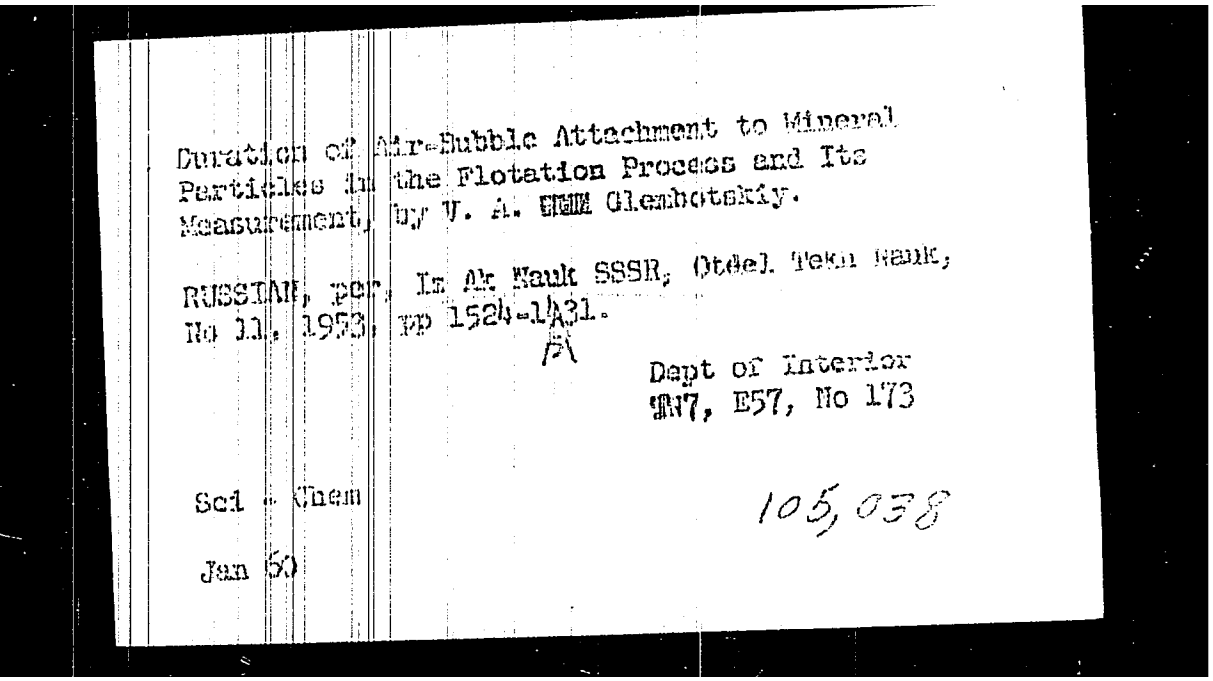

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Dept of Interior
GN7, E57, No 173

Sci - Chem

Jan 60

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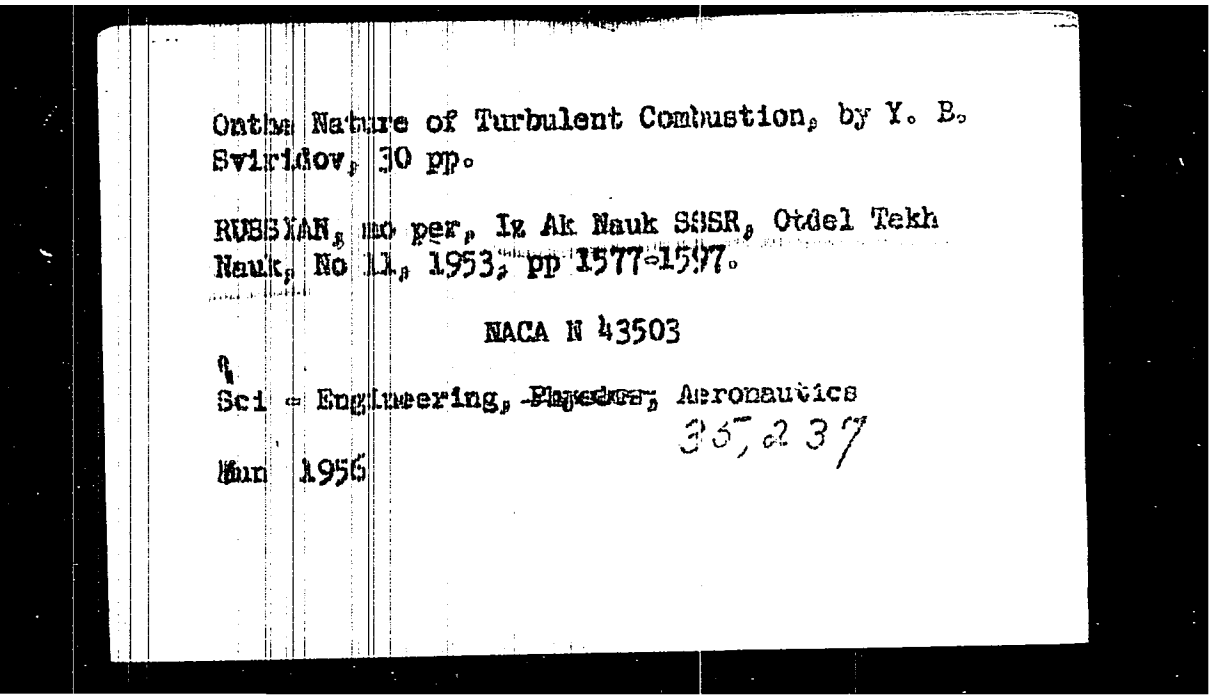

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NACA N 43503

Sci - Engineering, Physics; Aeronautics

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Jun 1956

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ATIC F-TS-8363

Scientific - Physics Dec 54 CTS/DEX

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Fidman, B. A.
THE RESULTS OF THE MEASUREMENT OF TURBULENCE IN UNIFORM AND ABRUPTLY EXPANDING DUCTS (Rezul'taty Izmereniya Turbulentnosti v Ravnomernom i Rezko Raschiryayushchemsya Potokakh). [1964] 25p (some refs omitted) 2refs
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Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1953, no. 11, p. 1630-1638.

(Mechanics--Hydrodynamics, TT, v. 11, no. 12)

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I. Fidman, B. A.

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Sci Mus Lib Tr 57/0117
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Sci - Geophysics
Jul 57

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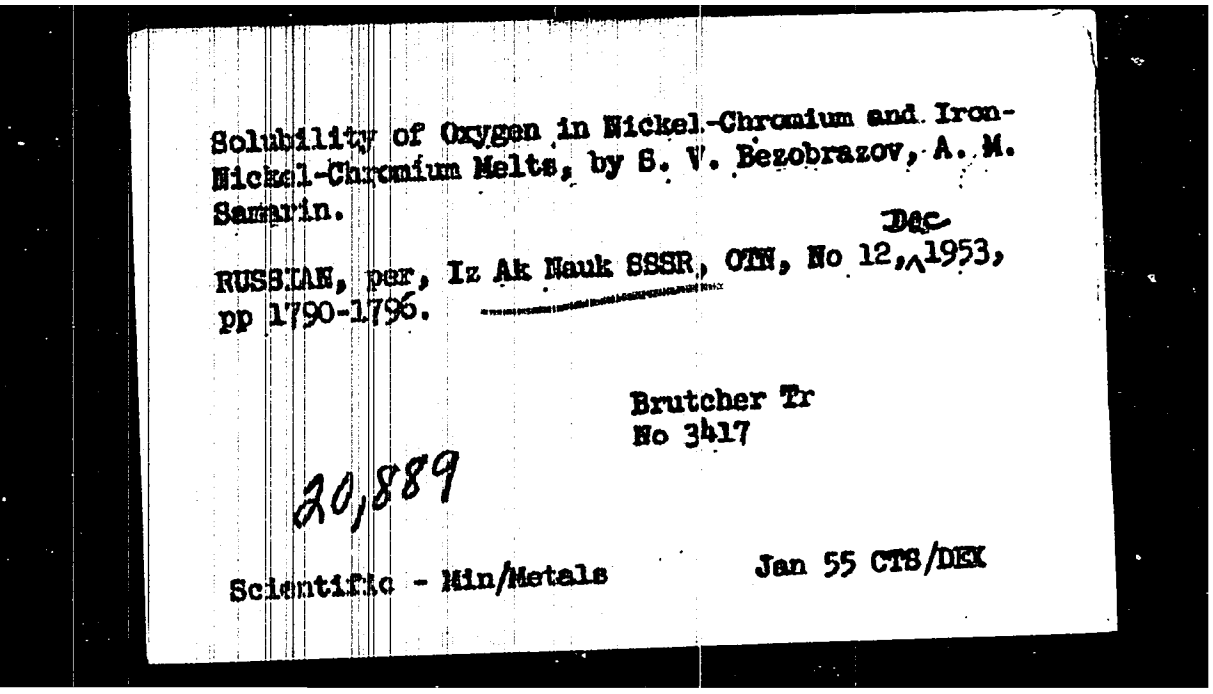

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Brutcher Tr
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Scientific - Min/Metals

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Controlling the Degree of Oxidation of Coking Coals, by V. G. Zashkvara, E. S. Krym, 14 pp.

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SSI Trans Center RT-3262

Scientific - Technology Fuels

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The Investigation of the Wearing of a Cutting Instrument Using Radioactive Isotopes, by
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Sci Mu Lib Tr No 55/0218

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Scientific - Nuclear Physics, Engineering

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Sci - Physics

Engineering

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Scientific - ~~Chemistry~~
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MLL RTS 1933

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Jul 62

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Plotting the Boundaries of Limited Solubility in a Ternary System by the Microhardness Method, by V. M. Genazov, M. V. Zakharov, and M. V. Stephanova, 8 pp.

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Relationship Between Surface Tension of Liquid Chromium-Nickel Alloys and Some Properties in Their Solid State, by O. S. Bobkova, A. M. Samarin,

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Brutcher Tr No 3373

Scientific - Min/Metals, Physics

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MLL M. 4257

Sci - Min/Metals

May 62

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Effect of Blowing With Carbon Mox Monoxide Gas in Electric Furnaces Upon Steel Quality, by A. V. Vishnyakov, A. M. Samarin.

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Henry Brutcher
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Sci - Min/Metals, Metallurgy
Aug 57

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Investigation of Plasticity of Technical Titanium, by L. N. Sokolov, V. P. ~~Kiyt~~ Elyutin, V. I. Zalesskiy,

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Brutcher Tr 3517

Scientific - Min/Metals Oct 55 CIS

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Lozinskii, M. G. and Fedotov, S. G.
CHANGES IN HARDNESS OF PURE METALS DURING HEATING. [1964] 7p (figs omitted) 22refs
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Trans. of Akad[emiya Nauk] SSSR. Otdel[enie] Tech-[nicheskikh] Nauk, Izvest[iya] 1954, no. 4, p. 80-85.

(Metallurgy, TT, v. 11, no. 11)

TT-64-14937

I. Lozinskii, M. G.
II. Fedotov, S. G.

FDD/D-7045

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Scientific - Chemistry Sep 55 CTS

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Initial Phase of Oxidation of Coals as a Surface Phenomenon, by V. S. Veselovskiy, G. L. Orlenenkaya, 13 pp.

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Sci Tr Center RT-4614

Scientific - Technology Fuels
Jan 56 CM

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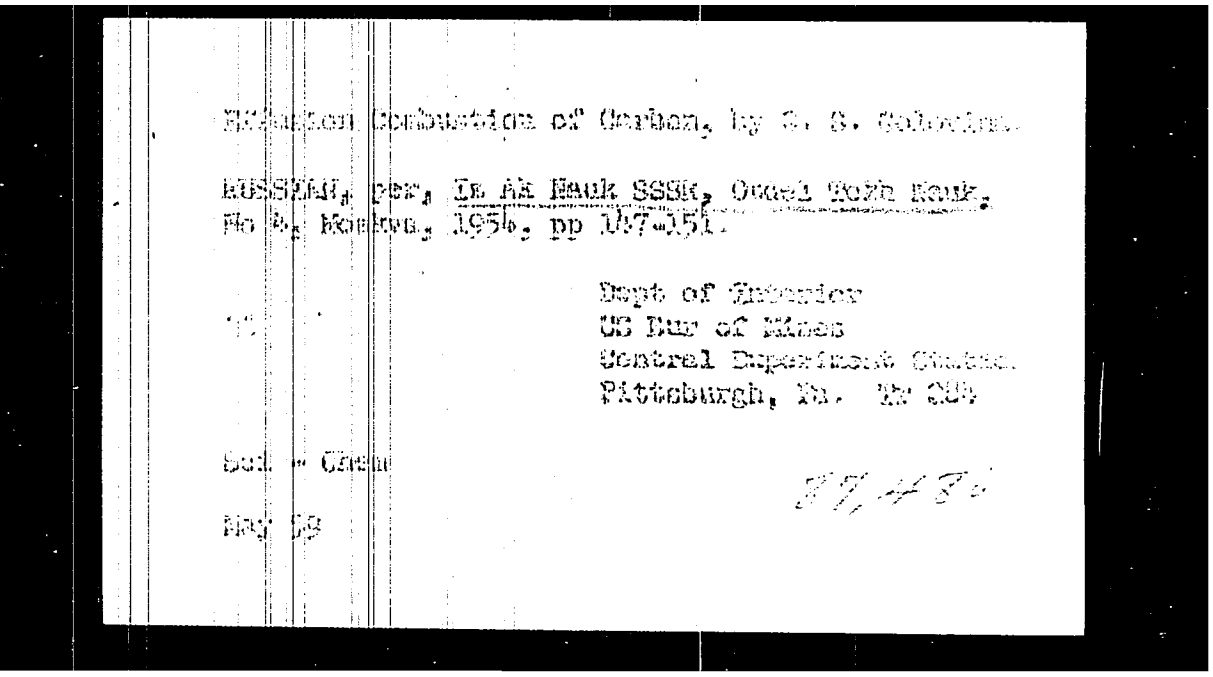

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Sect - Chem

Reg 59

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The Effect of the Size of Crystal Grains on the Stress Relaxation in Pure Metals, by V. G. Liutsau, B. M. Rovinskiy, 11 pp.

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SLA R-1004

May 58

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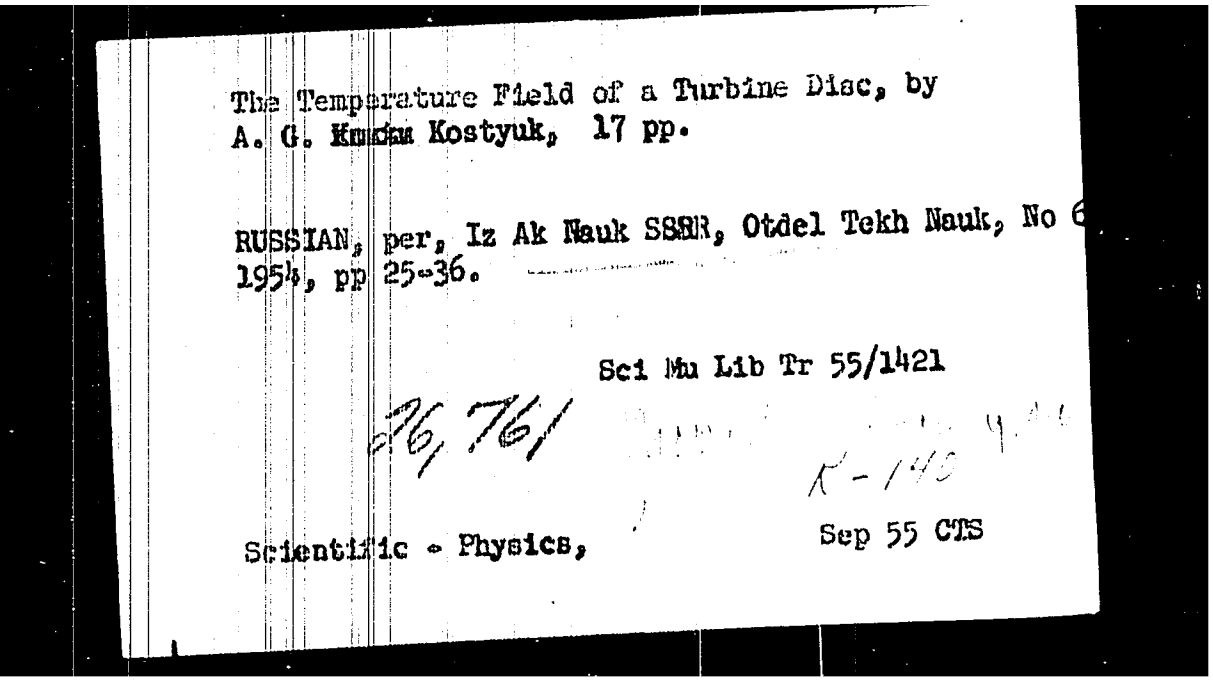

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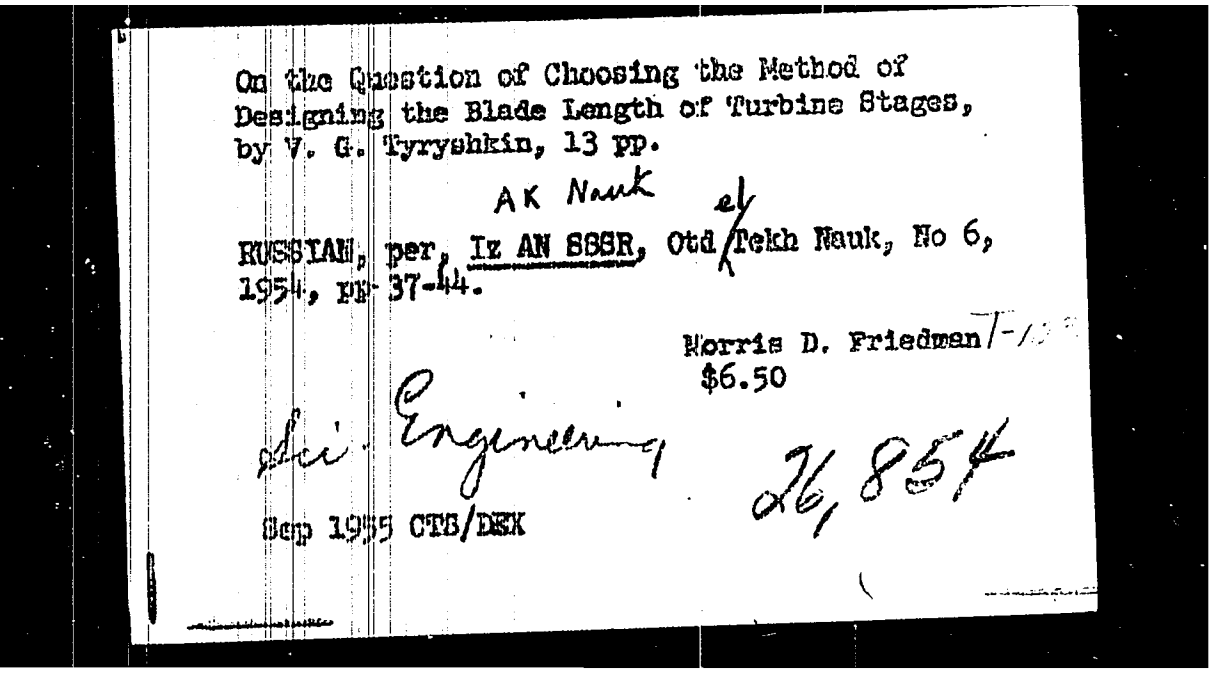

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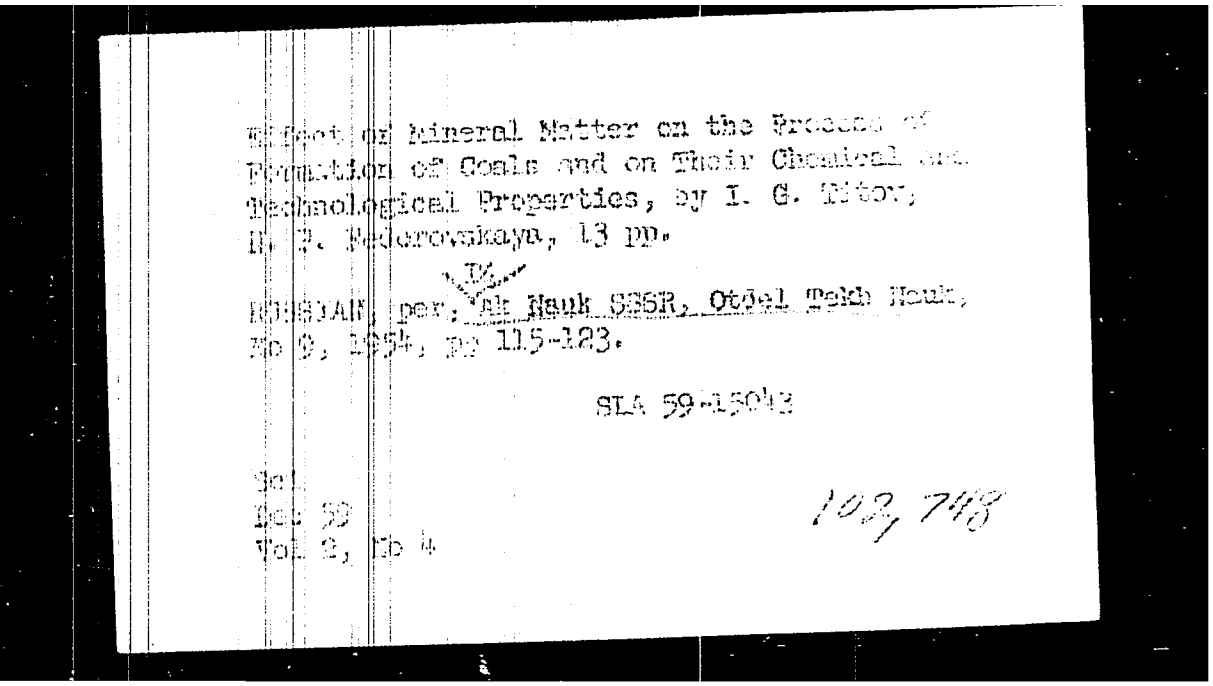

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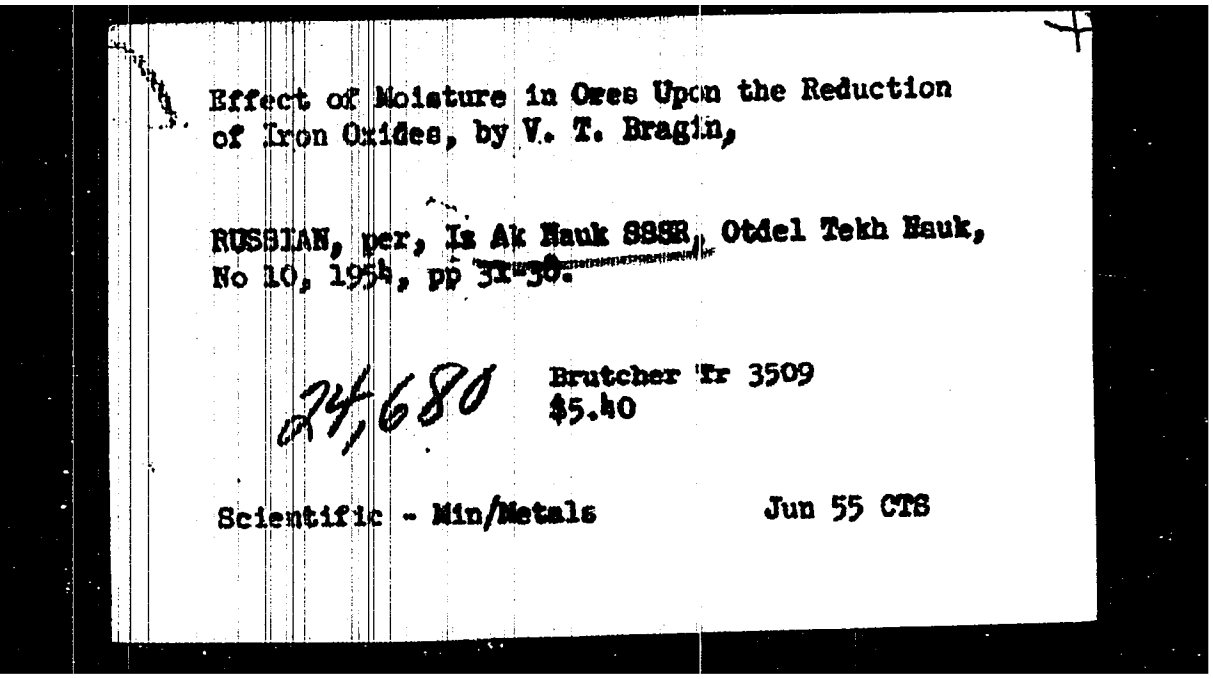

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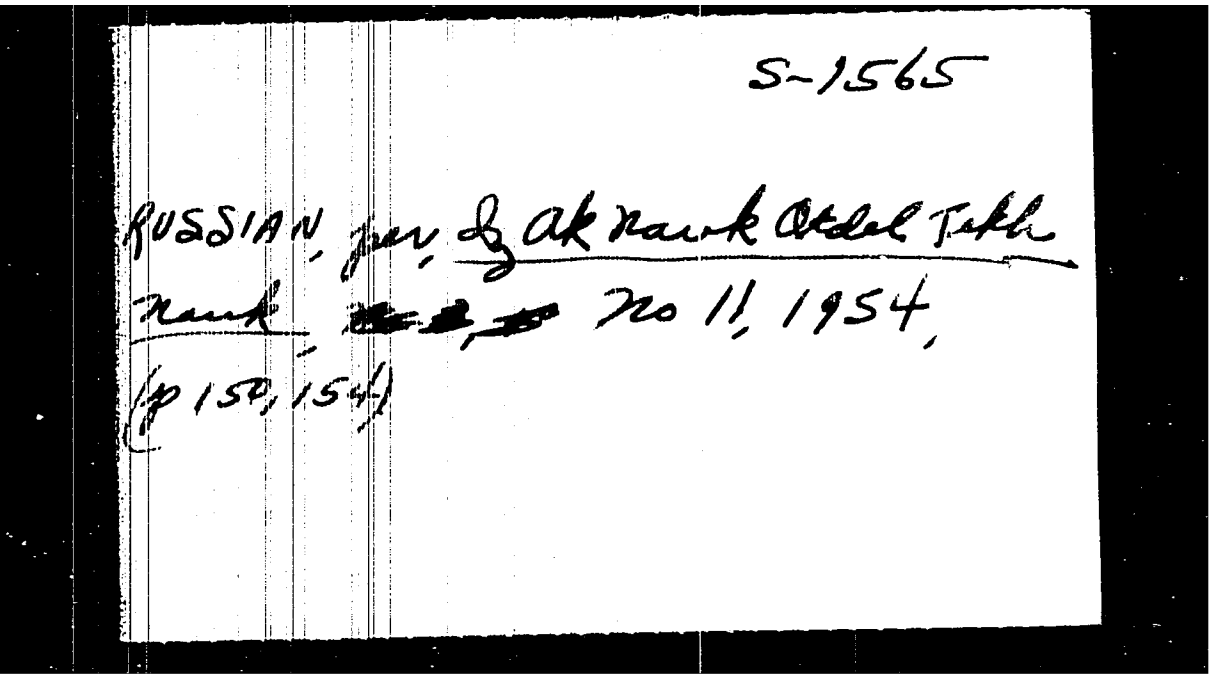

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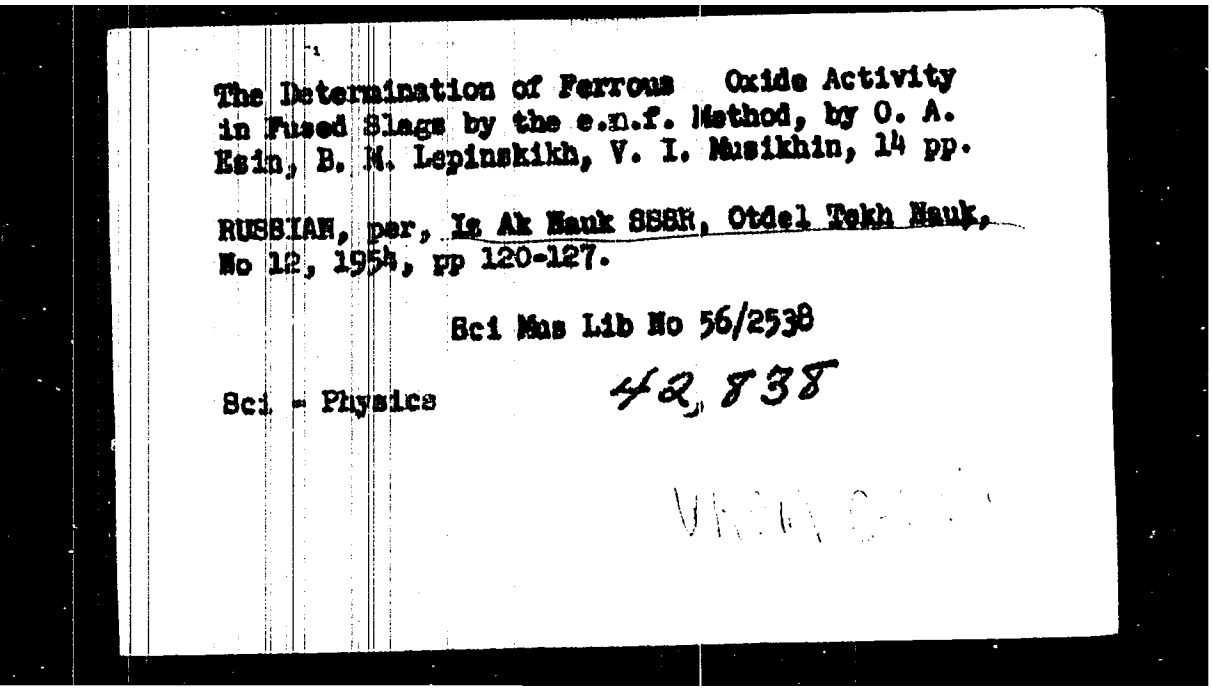

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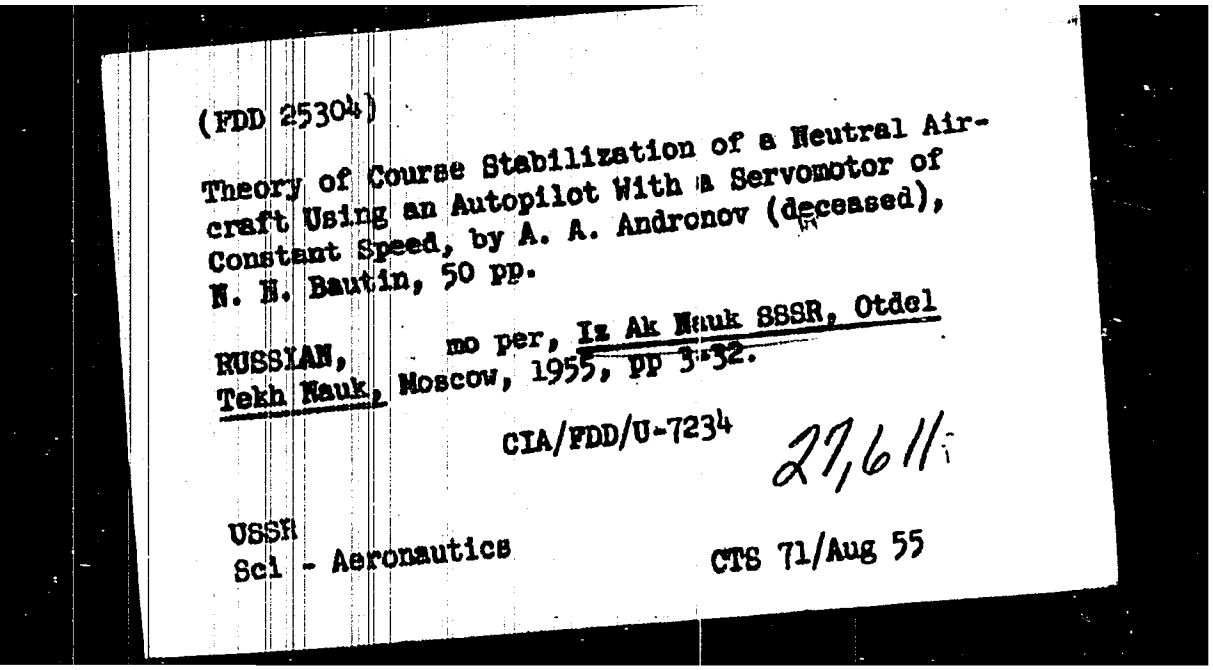

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(Metallurgy--Ferrous Metals, TT. v. 5, no. 9)

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1. Iron (Liquid)--Chemical reactions
2. Oxygen--Chemical reactions
3. Chemical equilibrium
I. Averin, V. V.
II. Polyakov, A. Yu.
III. Samarin, A. M.
IV. NRCC TT-916
V. NRCC C-3482
VI. National Research Council of Canada

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